

Author Index

- Amouroux, D.
—, Tessier, E., Pécheyran, C. and Donard, O.F.X.
Sampling and probing volatile metal(loid) species in natural waters by in-situ purge and cryogenic trapping followed by gas chromatography and inductively coupled plasma mass spectrometry (P-CT-GC-ICP/MS) 241
- Arbab-Zavar, M.H., see Howard, A.G. 95
- Bathmann, U., see de Jong, J.T.M. 113
- Bhargava, S.K., see Hind, A.R. 39
- Biot, D., see Floch, J. 157
- Blain, S., see Floch, J. 157
- Braungardt, C.
—, P. Achterberg, E. and Nimmo, M.
On-line voltammetric monitoring of dissolved Cu and Ni in the Gulf of Cadiz, south-west Spain 205
- Buck, R.P., see Nagy, G. 1
- Buffle, J., see Davison, W. 193
- Bulhões, L.O.S., see Faria, R.C. 21
- Chamberlain, P., see Howard, A.G. 95
- Chang, C.-L., see Wang, S.-P. 85
- Chow, C.W.K., see Kolev, S.D. 13
- Clayson, C.H., see Finch, M.S. 167
- Coale, K.H., see Colbert, D. 255
- Coale, K.H., see Zamzow, H. 133
- Colbert, D.
—, Johnson, K.S. and Coale, K.H.
Determination of cadmium in seawater using automated on-line preconcentration and direct injection graphite furnace atomic absorption spectrometry 255
- Colombo, C.
— and van den Berg, C.M.G.
In-line deoxygenation for flow analysis with voltammetric detection 229
- Cosca, C.E., see Feely, R.A. 185
- Cullis, P.G., see Hind, A.R. 39
- Dakin, J., see Finch, M.S. 167
- Davey, D.E., see Kolev, S.D. 13
- Davison, W.
—, Buffle, J. and DeVitre, R.
Voltammetric characterization of a dissolved iron sulphide species by laboratory and field studies 193
- de Baar, H.J.W., see de Jong, J.T.M. 113
- de Jong, J.T.M.
—, den Das, J., Bathmann, U., Stoll, M.H.C., Kattner, G., Nolting, R.F. and de Baar, H.J.W.
Dissolved iron at subnanomolar levels in the Southern Ocean as determined by ship-board analysis 113
- den Das, J., see de Jong, J.T.M. 113
- DeVitre, R., see Davison, W. 193
- Donard, O.F.X., see Amouroux, D. 241
- Faria, R.C.
— and Bulhões, L.O.S.
Hydrogen ion selective electrode based on poly(1-aminoanthracene) film 21
- Feely, R.A.
—, Wanninkhof, R., Milburn, H.B., Cosca, C.E., Stapp, M. and P. Murphy, P.
A new automated underway system for making high precision $p\text{CO}_2$ measurements onboard research ships 185
- Finch, M.S.
—, Hydes, D.J., Clayson, C.H., Weigl, B., Dakin, P. and Gwilliam, P.
A low power ultra violet spectrophotometer for measurement of nitrate in seawater: introduction, calibration and initial sea trials 167
- Floch, J.
—, Blain, S., Biot, D. and Treguer, P.
In situ determination of silicic acid in sea water based on FIA and colorimetric dual-wavelength measurements. 157
- Freeman, C.E., see Howard, A.G. 95
- Fujimoto, T., see Takeda, K. 47
- Gamo, T., see Okamura, K. 125
- Gebhart, E.
—, Mnich, U., Schroeder, F. and Knauth, H.-D.
Application of a new automatic event-controlled sampler for heavy metals: studies on the behaviour of particle bound heavy metals in the Elbe estuary 263
- Gwilliam, P., see Finch, M.S. 167
- Hind, A.R.
—, Bhargava, S.K. and Cullis, P.G.
Quantitation of quaternary ammonium compounds using electrospray mass spectrometry 39

- Howard, A.G.
—, Freeman, C.E., Russell, D.W., Arbab-Zavar, M.H. and Chamberlain, P.
Flow injection system with flame photometric detection for the measurement of the dimethylsulphide precursor β -dimethylsulphoniopropionate 95
- Hydes, D.J., see Finch, M.S. 167
- Johnson, K.S., see Colbert, D. 255
- Johnson, K.S., see Zamzow, H. 133
- Karatani, H., see Okamura, K. 125
- Kattner, G., see de Jong, J.T.M. 113
- Knauth, H.-D., see Gebhart, E. 263
- Kolev, S.D.
—, Chow, C.W.K., Davey, D.E. and Mulcahy, D.E.
Mathematical modelling of potentiometric stripping analysis.
Chemical stripping in quiet solutions 13
- Lapa, R.A.S.
—, Lima, J.L.F.C., Reis, B.F. and Santos, J.L.M.
Continuous sample recirculation in an opened-loop multicommuted flow system 103
- Lima, J.L.F.C., see Lapa, R.A.S. 103
- Lindner, E., see Nagy, G. 1
- Lu, G.N., see Sedjil, M. 179
- Magnuson, M.L.
Determination of bromate at parts-per-trillion levels by gas chromatography-mass spectrometry with negative chemical ionization 53
- Mantoura, R.F.C., see Price, D. 145
- María Santiuste, J.
Temperature effect on the characteristic solute-solvent retention interactions, calculated with Abraham's solvation model, for 16 GLC stationary phases 71
- Michard, G., see Sedjil, M. 179
- Milburn, H.B., see Feely, R.A. 185
- Mnich, U., see Gebhart, E. 263
- Mulcahy, D.E., see Kolev, S.D. 13
- Nagy, G.
—, Xu, C.X., Buck, R.P., Lindner, E., Neuman, M.R. and Sprinkle, R.H.
Wet and dry chemistry kits for total creatine kinase activity using a microfabricated, planar, small-volume, amperometric cell 1
- Naka, H., see Takeda, K. 47
- Nakayama, E., see Okamura, K. 125
- Neuman, M.R., see Nagy, G. 1
- Nimmo, M., see Braungardt, C. 205
- Nimmo, M., see Whitworth, D.J. 217
- Nolting, R.F., see de Jong, J.T.M. 113
- Nozaki, Y., see Okamura, K. 125
- Obata, H., see Okamura, K. 125
- Okamura, K.
—, Gamo, T., Obata, H., Nakayama, E., Karatani, H. and Nozaki, Y.
Selective and sensitive determination of trace manganese in sea water by flow through technique using luminol-hydrogen peroxide chemiluminescence detection 125
- Okuzaki, J., see Takeda, K. 47
- P. Achterberg, E., see Braungardt, C. 205
- P. Achterberg, E., see Whitworth, D.J. 217
- P. Murphy, P., see Feely, R.A. 185
- Péchevran, C., see Amouroux, D. 241
- Palys, M.J.
—, Rostek, E. and Stojek, Z.
Voltammetric investigation of the complexation equilibria in the presence of a low level of supporting electrolyte. Experiments with an inert complex 29
- Prevot, F., see Sedjil, M. 179
- Price, D.
—, Mantoura, R.F.C. and Worsfold, P.J.
Shipboard determination of hydrogen peroxide in the western Mediterranean sea using flow injection with chemiluminescence detection 145
- Reis, B.F., see Lapa, R.A.S. 103
- Rostek, E., see Palys, M.J. 29
- Russell, D.W., see Howard, A.G. 95
- Sakamoto, C.M., see Zamzow, H. 133
- Santos, J.L.M., see Lapa, R.A.S. 103
- Schroeder, F., see Gebhart, E. 263
- Sedjil, M.
—, Lu, G.N., Michard, G. and Prevot, F.
A colorimetric method with the use of BDJ detector for seawater pH measurement 179
- Sprinkle, R.H., see Nagy, G. 1
- Stapp, M., see Feely, R.A. 185
- Stojek, Z., see Palys, M.J. 29
- Stoll, M.H.C., see de Jong, J.T.M. 113
- Takeda, K.
—, Watanabe, S., Naka, H., Okuzaki, J. and Fujimoto, T.
Determination of ultra-trace impurities in semiconductor-grade water and chemicals by inductively coupled plasma mass spectrometry following a concentration step by boiling with mannitol 47
- Tessier, E., see Amouroux, D. 241
- Treguer, P., see Floch, J. 157
- van den Berg, C.M.G., see Colombo, C. 229
- Wang, S.-P.
— and Chang, C.-L.
Determination of parabens in cosmetic products by supercritical fluid extraction and capillary zone electrophoresis 85
- Wanninkhof, R., see Feely, R.A. 185
- Wasiak, W., see Wawrzyniak, R. 61

Watanabe, S., see Takeda, K. 47

Wawrzyniak, R.

— and Wasiak, W.

Synthesis and properties of mercaptosilicone modified by Ni(II) and Co(II) as stationary phases for capillary complexation gas chromatography 61

Weigl, B., see Finch, M.S. 167

Whitworth, D.J.

—, P. Achterberg, E., Nimmo, M. and Worsfold, P.J.

Validation and in situ application of an automated dissolved nickel monitor for estuarine studies 217

Worsfold, P.J., see Price, D. 145

Worsfold, P.J., see Whitworth, D.J. 217

Xu, C.X., see Nagy, G. 1

Zamzow, H.

—, Coale, K.H., Johnson, K.S. and Sakamoto, C.M.

Determination of copper complexation in seawater using flow injection analysis with chemiluminescence detection 133